

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

In the Matter of ) DOCKET 2009-0108  
PUBLIC UTILITIES COMMISSION )  
Instituting a Proceeding to )  
Investigate Proposed Amendments )  
To the Framework for Integrated )  
Resource Planning. )

PUBLIC UTILITIES  
COMMISSION

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**LIFE OF THE LAND'S INFORMATION REQUESTS TO**  
**BLUE PLANET, DBEDT, HECO, DIVISION OF**  
**CONSUMER ADVOCACY & HAWAII SOLAR**  
**ENERGY ASSOCIATION**

**&**

**CERTIFICATE OF SERVICE**

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### **Information Requests to Blue Planet**

**LOL-IR-1** Ref: most new generation resources have been developed by independent power producers. pgs 2-3.

What is the basis of this statement? Is it in megawatts, megawatt-hours, number of installations over a 1 year, 4 year or 9 year period, or something else?

**LOL-IR-2** Ref: Blue Planet favors the rubric "Clean Energy Implementation Planning" ("CEIP") to describe the framework and related implementation processes and activities. pg 5

Does Blue Planet endorse the Clean Energy Initiative?

**LOL-IR-3** Ref: Other policy issues properly addressed by the CEIP Framework and processes include: ... (2) the potential role of imported biofuels pg 8.

What role should biofuels play in Hawai'i's future? Are some biofuels better than others?

### **Information Requests to DBEDT**

**LOL-IR-4** Ref: The objectives of CESP include but are not limited to ...the need for new transmission lines pgs 5-6

What transmission lines does DBEDT envision are needed in the short term?

**LOL-IR-5 Ref:** Since the establishment of the IRP Framework by the Commission in 1992, there have been significant changes in Hawaii's energy landscape that warrant modifying the IRP Framework, including but not limited to the following pgs 6-7 These developments in Hawaii's energy environment require the establishment of a new planning paradigm that aligns the utilities' resource planning with Hawaii's new energy future. pg 10

DBEDT lists 11 items between pages 6 and 10 that have all occurred under the IRP Framework. What are the items that would not work under IRP and thus require a CESP?

#### **Information Requests to HECO**

**LOL-IR-6 Ref:** [D]ue to legislative uncertainties, it has been very difficult for U.S. regulated utilities and public utilities commissions to incorporate GHG regulation into their long-range planning processes. pg 12

Is HECO asserting that ALL utilities have been unable to incorporate GHGE into their planning process, INCLUDING those lobbying Congress to strengthen the Waxman-Markey bill, that is, to impose tougher standards on utilities?

**LOL-IR-7 Ref:** Hawaii, as a state, is blessed with an abundance of renewable energy resource options ranging from wind, solar, geothermal, biomass, wave/ocean, and biofuel options. However, to optimally avail ourselves of these resources, the maturity, compatibility and availability of these resources also needs to be considered, as we transform our existing grid to meet the clean energy goals safely and reliably. pg 14

Were not Hawaii Electric Industries (HEI) and Renewable Hawaii Inc (RHI) established to increase renewable penetration by expanding the existing grid rather than building a Smart Grid?

**LOL-IR-8 Ref:** An interactive and smart grid of the future is being envisioned by many for the islands. pg 15

Should the CESP look at non Smart Grid Scenarios?

**LOL-IR-9 Ref:** CESP scenario pg 17; Attachment A pg 4

Which of the following could be part of all of a scenario: (a) inter-island cable; (b) no inter-island cable; (c) imported biofuels; (d) no imported biofuels; (e) no biofuels; (f) no new centralized power; (g) renewable energy only; and (h) ocean thermal energy conversion?

**LOL-IR-10 Ref:** "automatic approval" pg 22

Assuming that (a) automatic approval is part of the CESP and (b) the final plan may include items that were not initially identified and (c) there will be entities impacted by including those systems -- then (1) how should their interests be protected? (2) Should anyone who might be affected by any type of proposed system be allowed to intervene? (3) If so, when and under what conditions? (4) How many intervenors might intervene to protect all of the interests found in the final plan? (5) Should there be a time limit re how long the Commission takes to render a decision?

**LOL-IR-11 Ref:** The Hawaiian Electric Companies are also adding two new planning initiatives to the Proposed CESP Framework: Renewable Energy Zones ("REZ") and Locational Value Maps ("LVM"). The REZ is

proposed to identify areas that contain significant renewable energy resource potential pg 24; Attachment A pg 3

Would a Renewable Energy Zone include areas where (a) the sun shines; (b) the wind blows; (c) the waves lap; and (d) where thermal differences occur? (e) Would REZ include rooftops? (f) Sides of buildings? (h) Could REZ for wind, wave and solar overlap? (h) Could a Locational Value Map be used to show that Campbell Industrial Park has way to much generation as opposed to load and that it is thus not the right geographic area to build more generation; (i) Should LVM be used for energy efficiency, renewable energy and/or fossil fuel generation; (j) If not for all types of generation, why not?

#### **Information Requests to the Division of Consumer Advocacy**

**LOL-IR-12** Ref: The Consumer Advocate also envisions that the new CESP processes might allow a limited number of scenarios and action plans to be developed on an ongoing basis to reflect known or possible changes in any of the relevant inputs. pg 22

Which of the following could be part of all of a scenario: (a) inter-island cable; (b) no inter-island cable; (c) imported biofuels; (d) no imported biofuels; (e) no biofuels; (f) no new centralized power; (g) renewable energy only; and (h) ocean thermal energy conversion?

#### **Information Requests to the Hawaii Solar Energy Association**

**LOL-IR-13** [T]here should be a rebuttable presumption that the advisory groups' recommendations - which are based on the expertise of the groups' members - are justified, and the utilities should bear the burden

of overcoming that presumption to justify scenarios or plans at odds with those recommendations. pg 17

(A) Should non-utility intervenors have to face the same burden, that is, that there is a presumption of need for advisory group recommendations? If not, why not? Please elaborate.

(B) If non-utility intervenors face the same burden, then

(1) What is to prevent the utility from stacking advisory groups with utility friendly members?

(2) What is to prevent the utility from persuading advisory group members to vote against certain proposals by individual members of the advisory group?

(3) Should advisory groups be subject to sunshine laws?

(e) Who determines the expertise of the groups' members?

(4) Should the Commission not allow intervention in Applications by those who had the opportunity to persuade the Advisory Group on a proposal but failed to do so? Would your answer change if the Advisory Group issued a recommendation in direct opposition to that potential intervenor?

(5) What type of groups (issues oriented advocacy group, agencies, and trade groups) should be guaranteed a seat on the Advisory Group?

## CERTIFICATE OF SERVICE

The foregoing Life of the Land Information Requests was served on the date of filing by hand to the Commission, the original and four copies, and one copy hand delivered to each of DCCA, DBEDT & HECO. An electronic version (word and pdf) were emailed to all parties listed below.

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